

**United States Environmental Protection Agency  
Region III  
POLLUTION REPORT**

**Date:** Friday, January 19, 2007

**From:** Charlie Fitzsimmons, OSC

**To:** Charlie Fitzsimmons,  
Mike Steele, USCG-NPFC

Linda Marzulli, HSCD

**Subject:** Sykesville Oil Spill  
580 Obrect Rd, Sykesville, MD  
Latitude: 39.3839  
Longitude: -76.9783

<b>POLREP No.:</b>	28	<b>Site #:</b>	E043Z1
<b>Reporting Period:</b>		<b>D.O. #:</b>	
<b>Start Date:</b>		<b>Response Authority:</b>	OPA
<b>Mob Date:</b>		<b>Response Type:</b>	Time-Critical
<b>Completion Date:</b>		<b>NPL Status:</b>	Non NPL
<b>CERCLIS ID #:</b>		<b>Incident Category:</b>	Removal Action
<b>RCRIS ID #:</b>		<b>Contract #</b>	
<b>FPN#</b>	E043Z1	<b>Reimbursable Account #</b>	

**Site Description**

See previous POLREPS.

**Current Activities**

During this reporting period the Responsible Party's contractor, ERM Inc., continued weekly oil extraction activities. The total liquids extracted thru 12/31/06 includes 41,973 gals of contaminated water and 3,983 gals of fuel oil. Weekly extraction events will continue.

ERM and Fogle's personnel will continue to inspect and replace sorbents in the creek as part of the required work under this AOC.

**Work Initiated Under the Final Abatement Plan:**

Air injection points for the bioventing system were installed during the earlier portion of December 06. Soil cuttings and trench soils were subsequently sampled at a frequency of one discrete soil sample for every 20 cubic yards of material excavated (i.e., 5 discrete soil samples per 100 cubic yards of material) and submitted to Phase Separation Science, Inc. for laboratory analysis of TPH-GRO and DRO by EPA Method SW-846 8015B. This data will be used to determine the concentration of petroleum hydrocarbons present in the soils and for documenting the proper disposal of impacted soils.

ERM performed the baseline sampling of soils at the Facility in the area of the proposed bioventing system. Borings were completed to the water table, at a depth of 30 feet below grade. Soils were

screened with a flame-ionization detector (FID) for the presence of volatile organic compounds (VOCs) in order to determine the most impacted sample interval and submitted to Phase Separation Science, Inc. for analysis of TPH-GRO and DRO, both via method 8015B. A total of eleven field samples plus a trip blank and duplicate sample were submitted for analysis.

### Planned Removal Actions

Connection to the blower unit will occur by the end of January, 2007 pending approval from utility company. This activity is part of the Final Abatement Plan.

### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
PRFA	\$640,000.00	\$587,857.00	\$52,143.00	8.15%
<b>Intramural Costs</b>				
USEPA - Direct (Region, HQ)	\$30,000.00	\$27,000.00	\$3,000.00	10.00%
<b>Total Site Costs</b>	<b>\$670,000.00</b>	<b>\$614,857.00</b>	<b>\$55,143.00</b>	<b>8.23%</b>

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

[www.epaosc.org/sykesvilleoil](http://www.epaosc.org/sykesvilleoil)